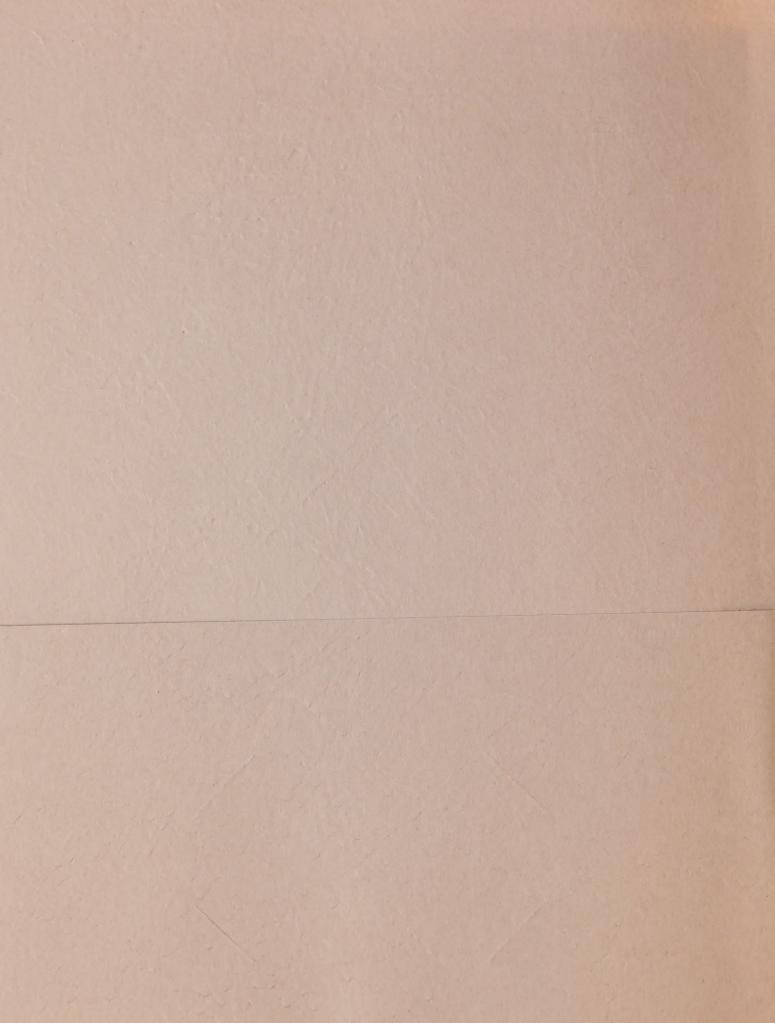
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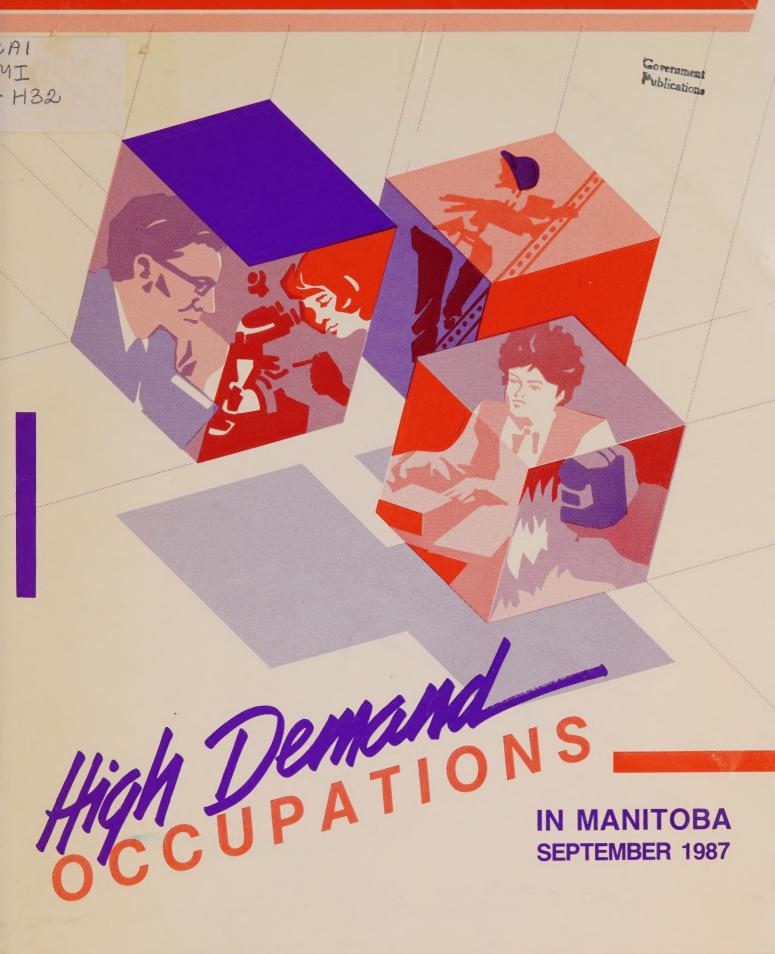
1987, 1993.



High Demand

Occupations in Manitoba







**Employment and Immigration Canada** 

Emploi et Immigration Canada Manitoba
Employment
Services and
Economic Security

Services de l'emploi et Sécurité économique Manitoba



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# HIGH DEMAND OCCUPATIONS



#### Report on

# HIGH DEMAND OCCUPATIONS IN MANITOBA

#### SEPTEMBER, 1987

The purpose of this report is to identify occupations which are currently in high demand and/or are expected to be in high demand over the next two years. The term "high demand" in this report identifies occupations for which employers are likely to experience difficulties in filling vacancies.

If the demand strongly exceeds supply the occupations are considered to be in shortage. These shortage occupations are underlined in the report (e.g. speech pathologist). The remaining high demand occupations are not presently considered to be in shortage but have the potential to become so in the near future.

A number of additional occupations with active recruitment in the last year have also been identified. These occupations have a large number of vacancies, but generally have a large supply of qualified or nearly-qualified persons and in most cases require a short training period.

The wage rate information is taken from recent job orders placed with Canada Employment Centres in Manitoba and other sources, which reflects the monthly salary the average job-seeker could expect. Wages could, however, vary considerably in some occupations depending on experience, location, non-wage benefits, and other factors.

It should be noted that unforeseen developments (e.g., significant changes in interest rates, adjustments in the value of the Canadian dollar) could significantly alter labour market conditions, even over the short-term. The attached high demand occupation list and comments are therefore usually updated on a semi-annual basis or more frequently if warranted.

#### Comments or inquiries regarding this report may be directed to:

OR

Economic Services Branch Manitoba Region Canada Employment and Immigration Commission 710 Eaton Place 330 Graham Avenue WINNIPEG, Manitoba R3C 4B9

Telephone: (204) 983-3729

Research & Planning Branch
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611 Eaton Place
330 Graham Avenue
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#### SEPTEMBER, 1987

#### I. HIGH DEMAND OCCUPATIONS

CCDO	OCCUPATION	PREVAILING WAGE RATE
113/114	Senior Managers and Administrators	Not Available
	Recurring demand for qualified and experienced senior managers and administrators, especially production managers, health administrators, and financial managers.	
1171	Accountants	\$2650-3000/ month
	Recurring demand for certified accountants (C.A., C.M.A., C.G.A.)	month
2111	Chemists	\$2370/month
	Recurring demand for experienced research chemists.	
2183	Computer Programmers and Systems Analysts	\$1812/month
	Continuing demand for experienced programmer/analysts and systems analysts.	
2315	Psychologists	\$2556/month
	Light demand for counselling psychologists.	
3131	Graduate Nurses	\$2302/month
	Recurring demand for Registered Nurses, especially Intensive Care, emergency, and neonatal specialties in hospitals.	
3137	Physiotherapists, Occupational and Other Therapists	Audiologist/ Speech Therapist \$2528/month
	Light shortage of <u>occupational</u> therapists, speech therapists, physiotherapists and <u>audiologists</u> .	Physiotherapist \$2084/month
		Occupational Therapist \$2033/month

CCDO	OCCUPATION	PREVAILING WAGE RATE
3151	Pharmacists	\$2800/month
	Light demand for hospital and retail pharmacists, especially in rural areas.	
3157	Dental Hygienists, Assistants and Technicians	Hygienist \$2488/month
	Recurring demand for qualified dental hygienists, dental lab technicians and expanded duty dental assistants (Phase II).	Dental Assistant \$1128/month (varies)
		Dental Lab Technician \$1561/month
4111	Legal Secretaries	\$1156/month
	Continuing demand for qualified legal secretaries.	
5131	Technical Salesperson	Negotiable/ Commission
	Continuing demand for salespersons with varying backgrounds of a scientific or engineering nature to sell technical products, equipment and/or services.	Commission
6120 6121	Chef-Cook, General and Specialty Cooks	Chef-Cook, General
0121	Recurring shortage of <u>Chef-Cooks</u> . <u>General</u> and continuing demand for foreign food cooks.	\$1548 month
	continuing demand for foreign rood cooks.	Foreign Food \$1280/month
8215	Slaughtering and Meat Cutting	\$1300/month
	Recurring demand for retail meat cutters in southern rural Manitoba.	
8311	Tool and Die Makers	\$1740/month
	Continuing demand for tool and die makers in manufacturing industry.	
8313	Machinists (Precision Machinists)	\$1971/month
	Recurring demand for skilled machinists.	
8335	Welder Fitters	\$1676/month
	Recurring demand for skilled welder fitters.	

PREVAILING.

CCDO	OCCUPATION	PREVAILING WAGE RATE
8533	Industrial Electricians, Electrical Equipment Installers and Repairers	Industrial Electrician \$2021/month
	Light demand for industrial electricians; automotive electricians; armature winders; refrigeration mechanics; electric motor repairers; appliance repairers; and heating ventilating and air conditioning installers	Automotive Electrician \$1225/month
		Armature Winder \$ 1516/month
		Refrigeration Mechanic \$2071/month
		Motor Repairer \$1050/month
		Appliance Repairer \$1372/month
		Heating, Ventilating and Air Conditioning Installer
		\$1575/month
8535	Electronic Equipment Mechanics and Repairers	\$1521/month
	Continuing demand for installers and repairers of computers, word processors, CAD/CAM equipment and various other electronic equipment.	
8541	Cabinetmakers	\$1513/month
	Continuing demand for skilled and experienced cabinetmakers.	
8551	Patternmakers, Garment Industry	\$1154/month
	Recurring demand for garment industry patternmakers.	
8563	Sewing Machine Operators	\$805/month
	Recurring demand for experienced sewing machine operators.	

		PREVAILING
CCDO	OCCUPATION	WAGE RATE
8581	Motor Vehicle Mechanics  Continuing demand for skilled motor vehicle mechanics and skilled autobody repairers throughout the province, and specialist mechanics (e.g., transmission, tune-up, frontend) in Winnipeg.	Motor Vehicle Mechanic \$1578/month* Autobody Repairer \$1382/month
8582	Aero Engine Mechanics and Aircraft Mechanics	\$1649/month
	Continuing demand for aero engine and light aircraft mechanics.	
8584	Industrial, Farm and Construction Machinery Mechanics and Repairers	Millwright \$2152/month
	Recurring demand for industrial mechanics/millwrights, farm equipment, heavy duty equipment, diesel and industrial sewing machine mechanics	Heavy Duty Equipment Mechanic \$2111/month
		Farm Equipment Mechanic \$1750/month
		Industrial Sewing Machine Mechanic \$1050/month
		Diesel Mechanic \$1617/month
8589	Other Mechanics and Small Motor Repairers	Locksmith \$1093/month
	Recurring demand for locksmiths, bicycle repairers, scale repairers and pump repairers, and seasonal demand for experienced repairers of snowblowers, outboard motors and other small engines.	Bicycle Repairer \$901/month
	outboard motors and other small engines.	Small Engine Repairer \$1008/month
		Scale Repairer \$875/month
		Pump Repairer \$1050/month

CCDO	OCCUPATION	PREVAILING WAGE RATE
8591	Jewellers/Goldsmiths	\$1285/month
	Continuing demand for skilled jewellers.	
8595	Painters, Motor Vehicle	\$1633/month
	Recurring demand for experienced autobody painters.	
8733	Construction Electrician	\$2660/month
	Recurring demand for journeyperson electricians in areas outside Winnipeg.	
8781	Carpenters	\$1959/month
	Recurring demand for journeyperson carpenters.	
9175	Truck Drivers	\$1530/month
	Recurring demand for dependable Class 1 drivers with clear driving record.	
9512	Printing Press Occupations	Offset Operator \$1313/month
	Recurring demand for off-set and flexographic operators.	Flexographic Operator \$933/month
9533	Stationary Engineers/Power Engineers	\$1904/month
	Recurring shortage of first and second class <u>stationary</u> <u>engineers</u> and continuing demand for third and fourth class stationary engineers in rural Manitoba.	



#### SEPTEMBER, 1987

#### II. ACTIVE RECRUITMENT OCCUPATIONS

CCDO	<u>OCCUPATION</u>	PREVAILING WAGE RATE
2333/ 2731/ 6147	Child Care Workers/Day Care Worker/Child Care Attendant	\$991/month
3319	Floral Arranger	\$935/month
4111	Secretary	\$1352/month
4113	Clerk-Typist, Word Processor Operator	Clerk-Typist \$1274/month
		Word Processor Operator \$1458/month
4131	Bookkeeper, Accounting Clerk, Bookkeeping Clerk	\$1406/month
4133	Cashiers	\$862/month
4143	Computer Operator, Key-Punch Operator	Computer Operator \$1309/month
		Key-Punch Operator \$1348/month
4153	Shipping and Receiving Clerk	\$1067/month
4155	Stock Clerk	\$1311/month
4171	Receptionist	\$1240/month
4173	Mail Clerk	\$1324/month
4194	Hotel Clerk	\$990/month
4197	General Office Clerk	\$1309/month
4199	Order Clerk	\$1077/month
5130	Store Manager, Retail	\$1798/month
5133	Sales Representative	Negotiable/ Commission
5135	Salesperson, Commodities	\$1009/month
5137	Sales Clerk	\$842/month
5145	Service Station/Gas Bar Attendant	\$805/month

#### II. ACTIVE RECRUITMENT OCCUPATIONS (Con't)

		PREVAILING
CCDO	OCCUPATION	WAGE RATE
5199	Telephone Solicitor	\$829/month
6115	Security Guard	\$1005/month
6120	Managing Supervisor, Restaurant	\$1304/month
6121	Cooks	First Cook \$906/month
		Small Establishment \$1153/month
		Short Order Cook \$834/month
		Institutional Cook \$1561/month
		Fast Food Cook \$800/month
		Third Cook \$777/month
6123	Bartender	\$906/month
6125	Waiters and Waitresses	Host/Hostess \$796/month
		Counter Attendant \$789/month
		Cocktail Server \$862/month
		Food Server \$775/month
		Caterer Helper \$761/month
		Cafeteria Attendant \$788/month
		Busboy/girl \$765/month
6133	Room Cleaner	\$808/month

#### II. ACTIVE RECRUITMENT OCCUPATIONS (Con't)

CCDO	<u>OCCUPATION</u>	PREVAILING WAGE RATE
6142	Housekeeper/Domestic Servant	Housekeeper \$1000/month
		Domestic Servant \$926/month
6143	Hairdresser	\$822/month
6165	Machine Presser, Garments	\$845/month
6191	Janitor	Cleaner, Light \$884/month
		Cleaner, Heavy \$897/month
		Janitor \$1076/month
6198	Kitchen Helper/Dishwasher	Kitchen Helper \$962/month
		Dishwasher \$773/month
7195	Landscape Worker	\$972/month
8213	Baker	\$1168/month
8335	Combination Welder, Gas and Arc	\$1653/month
8598	Labourer, Assembly	\$987/month
8599	Assembler, Production	\$1266/month
8781	Carpenter's Helper	\$1331/month
8785	Painter (Construction)	\$1932/month
8798	Construction Labourer	\$1321/month
8799	Maintenance Mechanic (Factory and Building)	\$1210/month
9175	Truck Driver	Truck Driver, General \$1233/month
		Courier \$933/month
9318	Material Handler (Labourer)	\$1040/month





# HIGH DEMAND OCCUPATIONS





Employment and Immigration Canada Emploi et Immigration Canada



Manitoba Éducation
Education et Formation
and Training professionelle
Manitoba





# Report on High Demand Occupations in Manitoba

November, 1993

The purpose of this report is to identify occupations which are currently in high demand and/or are expected to be in high demand over the next two years. The report is divided into four sections. The first section identifies "high demand" occupations, i.e., occupations for which employers are likely to experience difficulties in filling vacancies.

If the demand for qualified persons strongly exceeds supply, the occupations are considered to be in shortage. These shortage occupations are underlined in the report (e.g., power engineer). The remaining high demand occupations are not presently considered to be in shortage but have the potential to become so in the near future. High demand occupations usually involve a lengthy training period which prevents rapid adjustment of supply to demand.

Section II lists a number of generic skills which are expected to be in high demand, but which are found in a wide range of occupations. Section III indicates several occupations and skills required specifically in aboriginal communities and reserves.

A number of additional occupations with active recruitment in the last year have been identified in Section IV. These occupations have a large number of vacancies, but generally have a large supply of qualified or nearly-qualified persons and in most cases require a short training period.

This year the report has switched from reporting occupations using the Canadian Classification and Dictionary of Occupations (CCDO) to the National Occupational Classification (NOC) system. The NOC presents a new structure for analyzing and understanding the labour market and reflects occupational changes that have taken place over the past two decades. The two major attributes of jobs which were used as classification criteria in developing the NOC were skill level and skill type. (Further explanation is given in the Appendix.)

The wage rate information is taken from recent job orders placed with Canada Employment Centres in Manitoba and other sources, and reflects the monthly salary that the average job-seeker could expect. Wages could, however, vary considerably in some occupations depending on experience, location, non-wage benefits, and other factors.

It should be noted that unforeseen developments (e.g., significant changes in interest rates, adjustments in the value of the Canadian dollar) could significantly alter labour market conditions, even over the short term. The high demand occupation list and comments are therefore usually updated on an annual basis or more frequently if warranted.

#### Comments or inquiries regarding this report may be directed to:

Economic Services Branch Manitoba Region Human Resources Development 500 - 259 Portage Avenue WINNIPEG, Manitoba R3B 3L4

Telephone: (204) 983-4095

OR

Labour Market Support Services Manitoba Education and Training 418 - 185 Carlton Street WINNIPEG, Manitoba R3C 3J1

Telephone: (204) 945-2375



**NOVEMBER 1993** 

I. High	Demand Occupations	PREVAILING
NOC †	OCCUPATION	WAGE RATE
0012-0016	Senior Managers and Administrators	Not Available
	Recurring demand for qualified and experienced senior managers and administrators.	
1111	Financial Auditors and Accountants Recurring demand for certified accountants (C.A., C.M.A., C.G.A.).	\$2800-\$3750/month
2146	Aerospace Engineers	\$2500/month
	Shortage of experienced <u>mechanical engineers</u> in the aerospace industry with skills in composite materials, ferrous and non-ferrous metals.	
2232	Mechanical Engineering Technologist and Technicians	\$2100-\$3300/month
	Shortage of experienced certified <u>mechanical engineering technologists</u> in the aerospace industry with quality assurance skills, particularly familiarity with ISO9000 and military specifications standards.	
2242	Electronic Service Technicians (Household and Business Equipment)	\$1500-\$2000/month
	Recurring demand for installers and repairers of computers, licensed alarm system installers and licensed repairers of televisions, video cassette recorders, video cameras and other electronics equipment.	
2244	Aircraft Instrument, Electrical and Avionics Mechanics, Technicians and Inspectors	\$2100/month
	Recurring demand for aircraft maintenance engineers (A.M.E.) licensed in avionics.	
2261	Non-Destructive Testers and Inspectors	\$1700-\$2200/month
	Recurring demand for technicians to conduct tests on materials using methods such as magnetic particle, liquid penetrant, ultrasonic, X-ray, and eddy current testing.	



**NOVEMBER 1993** 

## I. High Demand Occupations (Continued)

NOC †	OCCUPATION	PREVAILING WAGE RATE
3152	Registered Nurses  Continuing demand for registered nurse specialists in intensive care and neonatal care in hospitals, and for community health nurses.	Nurse Specialist \$3500/month Community Health Nurse \$3000/month
4151	Psychologists  Continuing demand for clinical and counselling psychologists. Most opportunities are for self-employment in a private practice.	\$3000/month
6241	Chefs Recurring demand for chefs.	\$2000/month
6242	Cooks  Continuing demand for foreign food cooks.	\$1500/month
6271	Hairstylists and Barbers  Continuing demand for licensed hair stylists and barbers.	\$975/month + commission
6482	Estheticians, Electrologists and Related Occupations  Continuing demand for licensed estheticians.	\$975/month + commission
7231	Machinists and Machining and Tooling Inspectors  Continuing demand for Computer Numerical Control (CNC) machinists and programmers in the aerospace industry, especially machinists with experience in 3- to 5-axis machines.	\$2200+/month
7242	Industrial Electricians  Recurring demand for licensed industrial electricians (journeyperson).	\$2700/month



NOVEMBER 1993

DDEWAII INC

## I. High Demand Occupations (Continued)

NOC †	OCCUPATION	PREVAILING WAGE RATE
7253	Gas Fitters  Continuing demand for licensed gas fitters.	\$2450/month
7315	Aircraft Mechanics and Aircraft Inspectors  Recurring demand for aircraft maintenance engineers (A.M.E.) licensed in airframe.	\$2275/month
7321	Motor Vehicle Mechanics, Technicians, and Mechanical Repairers  Recurring demand for skilled motor vehicle mechanics throughout the province, and specialist mechanics (eg., transmission, tune-up, front-end) in Winnipeg.	\$1920/month
7331	Oil and Solid Fuel Heating Mechanics  Continuing demand for licensed oil burner mechanics in northern Manitoba.	\$2450/month
7335	Other Small Engine and Equipment Mechanics  Seasonal demand for experienced repairers of 2 and 4 cycle air-cooled engines (eg., snowblowers, outboard motors, lawn mowers, etc.).	\$1620/month
7351	Stationary Engineers and Auxiliary Equipment Operators  Shortage of 1st and 2nd class power engineers.	\$2600-\$3400/month
7411	Truck Drivers  Continuing demand for dependable Class 1 drivers (long haul only) with clear driving record.	Average 25 cents/mile single 16 cents/mile double (Mileage rates vary)
8431	General Farm Worker  Continuing demand for experienced hog and dairy farm workers.	\$1150-\$2200/month



#### II. High Demand Skills

The following are skill areas which are required in a wide range of occupations *in addition to* the primary occupational skills for that occupation. Demand for these skills is often met by upgrading the skills of existing employees, but individuals who are being hired may also be required to have these skills.

\* Small Business Management: Ability to operate a small business, with skills ranging from

financial management, staff supervision and bookkeeping to

production management, sales and distribution.

\* Bookkeeping/Accounting: Ability to organize records of transaction, to co-ordinate activities

related to paying and receiving money, and to apply principles of costing and budgeting. Knowledge of computerized accounting

software.

\* Supervisory Skills: Ability to assign and co-ordinate projects, ensure that work is

done on time and to quality requirements, resolve subordinates'

complaints.

\* Micro-computer Skills: Ability to use various micro-computer applications, including

programs such as spreadsheets, data bases, and word processing.

\* Computer Assisted Drafting/ Ability to use computer applications in the design of products and

Manufacturing (CAD/CAM in the set-up of tools to facilitate efficient production.

Applications:

\* Desktop Publishing Skills: Ability to use computer based desktop publishing programs.

\* Quality Assurance: Ability to apply statistical formulas to assess production perform-

ance, set standards for output, and establish inspection programs. Knowledge of international standards such as ISO9000. Ability to

use Coordinated Measuring Machines (CMM).

Inventory Management: Ability to determine current and future needs for raw materials

and semi-finished manufactured goods and to control availability through efficient purchasing policies and "just-in-time" delivery

systems.

\* Marketing Skills: Ability to identify customer/client needs and relate them to

products and services being sold.

\* Salesmanship Skills: Ability to present products and close a sale.

\* Customer Service Skills: Ability to work with customers/clients in satisfactorily meeting any

of their service needs.

\* Presentation Skills: Ability to organize information and communicate through public

presentations.





NOVEMBER 1993

#### II. High Demand Skills (Concluded)

Skills:

\* Communication Skills: Ability to listen, speak and write, in order to transmit or receive

information clearly.

\* Product Knowledge: Ability to remember information on product lines and to learn

technical information on new products.

\* Analytical Problem-Solving Skills: Ability to recognize and define problems, design and implement

solutions and evaluate results in order to increase an organization's ability to overcome barriers to increased productivity and quality

improvements.

\* Group Effectiveness: Interper-Ability to work on a team for the purpose of problem solving.

innovation and process improvement. sonal Skills. Negotiation and Teamwork:

\* Workplace-Based Instructional Ability to impart expertise to others through lecture or demonstration Skills:

using valid adult education instructional techniques as outlined in

recognized train-the-trainer courses.

\* Time Management Skills: Ability to schedule and priorize work for self and others and to use

time efficiently.

Ability to read and interpret detailed specifications. \* Blueprint Reading Skills:

\* Technical Writing and Reading Ability to read technical documents and write instruction and proce-

dures for a variety of technical processes and protocol.

\* Environmental Assessment Skills: Ability to conduct an environmental assessment in a number of

interrelated skill areas including data interpretation, risk assessment

and hazardous waste handling.

NOTE: There is in general a higher demand for individuals who have been examined and received certificates or licenses in their trade, e.g., gas fitter, refrigeration mechanic, automobile mechanic.



#### III. Aboriginal Communities

The following are skills and occupations required particularly in the aboriginal communities and reserves:

- \* Business Management Skills
  - Retail Management (Small Business)
  - Entrepreneurial Skills
  - Community Organizations
- \* Housing Property Management
- \* Public Health Educator
- \* Teacher's Aide
- \* Social Worker (Family Violence Counsellor)
- \* Alcohol and Substance Abuse Counsellor
- \* Recreation Director
- \* Certified Tradespersons:
  - \* Plumber
  - \* Electrician
  - \* Carpenter
  - \* Drywall Mechanic
  - \* Sheet Metal Worker
  - \* Heavy Duty Equipment Mechanic
- \* Other Trades:
  - \* Small Engine Repair (Outboard motors, chain saws, snowmobiles)
  - \* Housing Maintenance Worker





NOVEMBER 1993

# IV. Active Recruitment Occupations

NOC †	OCCUPATION	PREVAILING WAGE RATE
1231	Bookkeepers	\$1465/month
1241	Secretaries (Except Legal and Medical)	\$1490/month
1411	General Office Clerks	\$1455/month
1412	Typists and Word Processing Operators	\$1675/month
1414	Receptionists and Switchboard Operators	\$1175/month
1422	Data Entry Clerks	\$1425/month
1431	Accounting and Related Clerks	\$1280/month
1453	Customer Service, Information and Related Clerks	\$1210/month
1463	Couriers and Messengers	\$1000/month
1471	Shippers and Receivers	\$1160/month
1472	Storekeepers and Parts Clerks	\$1280/month
1475	Dispatchers and Radio Operators	\$1020/month
2163	Computer Programmers	\$2100-\$2500/month
4212	Community and Social Service Workers	\$1465/month
4214	Early Childhood Educators (Child Care Worker I, II, and III)	\$1420/month
6242	Cooks	Small Establishment Cooks \$1040/month
		Short Order Cooks \$980/month
6411	Sales Representatives, Wholesale Trade (Non-Technical)	Commission
6421	Retail Salespersons and Sales Clerks	\$980/month
6452	Bartenders	\$1030/month
6453	Food and Beverage Servers	\$920/month
6474	Baby-sitters, Nannies and Parent's Helpers	\$890/month
6611	Cashiers	\$940/month





NOVEMBER 1993

IV. Active Recruitment Occupations (continued)  PREVAILING		
NOC †	OCCUPATION	WAGE RATE
6621 6623	Service Station Attendants Other Elemental Sales Occupations	\$930/month Telemarketers \$1050/month
6641	Food Service Counter Attendants and Food Preparers	\$880/month
6642	Kitchen and Food Service Helpers	\$890/month
6651	Security Guards and Related Occupations	\$1065/month
6661	Light Duty Cleaners	\$1070/month
6662	Specialized Cleaners	\$1035/month
6663	Janitors, Caretakers and Building Superintendents	\$1280/month
7271	Carpenters	\$2160/month
7272	Cabinet-makers	\$1715/month
7294	Painters and Decorators	\$1470/month
7312	Heavy Duty Mechanics	\$2060/month
7332	Electric Appliance Servicers and Repairers	\$1380/month
7411	Truck Drivers	Truck Driver, General \$1600/month
7413	Taxi and Limousine Drivers and Chauffeurs	\$1000/month
7414	Delivery Drivers	\$1060/month
7441	Residential and Commercial Installers and Servicers (i.e., kitchen cabinets, vinyl siding, windows, soffit and eavestroughs)	\$1315/month
7452	Material Handlers	\$1140/month
7611	Construction Trades Helpers and Labourers	\$1615/month
8612	Landscaping and Ground Maintenance Labourers	\$1070/month
9451	Sewing Machine Operators	\$1045/month
9462	Industrial Butchers and Meat Cutters, Poultry Preparers and Related Workers	\$1365/month
9484	Assemblers and Inspectors, Electrical Appliance, Apparatus and Equipment Manufacturing	\$1345/month
9619	Other Labourers in Processing, Manufacturing and Utilities	\$1330/month



#### APPENDIX

#### NATIONAL OCCUPATIONAL CLASSIFICATION (NOC) CODING SYSTEM

One of the features of the NOC is its system of codes. The first two digits of each code convey meaning with respect to the group's skill type and skill level category.

For all non-management occupations, the first digit of each code identifies one of the nine skill type categories. Similarly, for all non-management occupations, the second digit of each code identifies one of four skill level categories.

For management occupations, the order of meaning is reversed. That is, for management occupations, the first digit is always "0" to indicate management, while the second digit indicates the skill type category.

When the	the Skill Type Category is	
first digit is 1	digit is 1 Business, Finance and Administrative Occupations	
2	Natural and Applied Sciences and Related Occupations	
3	Health Occupations	
4	Occupations in Social Science, Education, Government Service and Religion	
5 Occupations in Art, Culture, Recreation and Sport		
6	Sales and Service Occupations	
7	Trades, Transport and Equipment Operators and Related Occupations	
8	Occupations Unique to Primary Industry	
9	Occupations Unique to Processing, Manufacturing and Utilities	

When the second digit is 1
 2 or 3
 4 or 5
 Skill Level C (Intermediate Occupations)
 Skill Level D (Labouring and Elemental Occupations)

Note: This applies to all occupations except management occupations. For management occupations, the first digit is "0" and the second digit represents the skill type categories, from 1 to 9, as above.



# APPENDIX (Continued)

#### NOC SKILL LEVEL CRITERIA

Education / Training	OTHER
<ul> <li>University degree (bachelor's, master's or post-graduate)</li> </ul>	
<ul> <li>Two to three years of post- secondary education at a community college, institute of technology or CEGEP or</li> </ul>	<ul> <li>Occupations with supervisory responsibilities are assigned to skill level B.</li> </ul>
<ul> <li>Two to four years of apprenticeship training or</li> </ul>	<ul> <li>Occupations with significant health and safety responsibilities (e.g., fire fighters, police officers</li> </ul>
<ul> <li>Three to four years of secondary school and more than two years of on-the-job training, training courses or specific work experience</li> </ul>	and registered nursing assistants) are assigned to skill level B.
One to four years of secondary school education	
<ul> <li>Up to two years of on-the-job training, training courses or specific work experience</li> </ul>	
Up to two years of secondary school and short work demonstration or on-the-job training	
	<ul> <li>University degree (bachelor's, master's or post-graduate)</li> <li>Two to three years of post-secondary education at a community college, institute of technology or CEGEP or</li> <li>Two to four years of apprenticeship training or</li> <li>Three to four years of secondary school and more than two years of on-the-job training, training courses or specific work experience</li> <li>One to four years of secondary school education</li> <li>Up to two years of on-the-job training, training courses or specific work experience</li> <li>Up to two years of secondary school and short work</li> </ul>

More detailed information on the NOC system is available in the National Occupational Classification - Occupational Description, Human Resources Development Canada, Catalogue No. MP53-25/1-1993E.



